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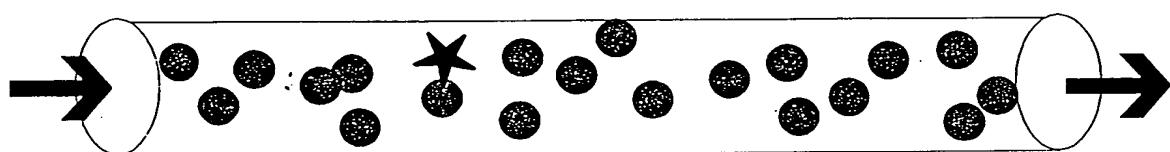
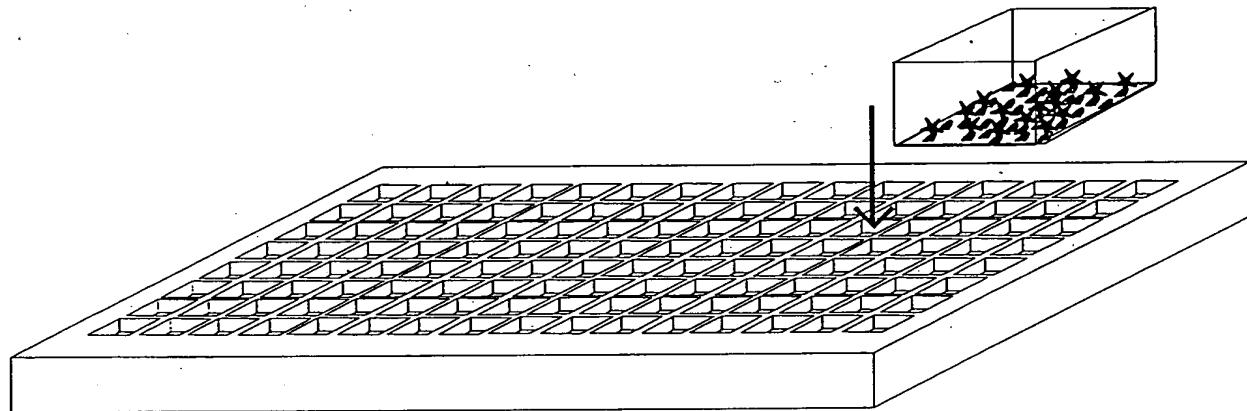
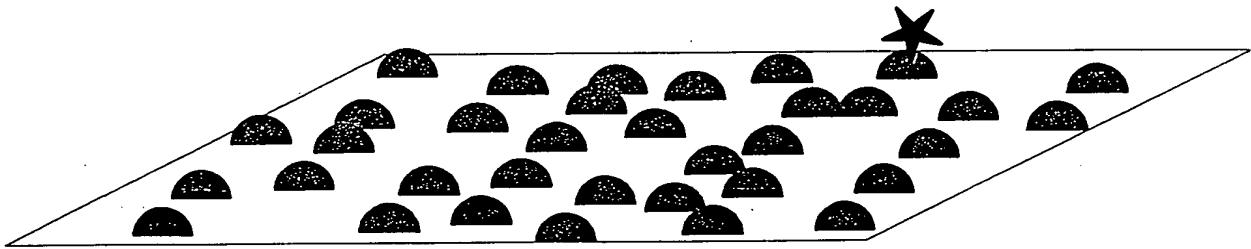
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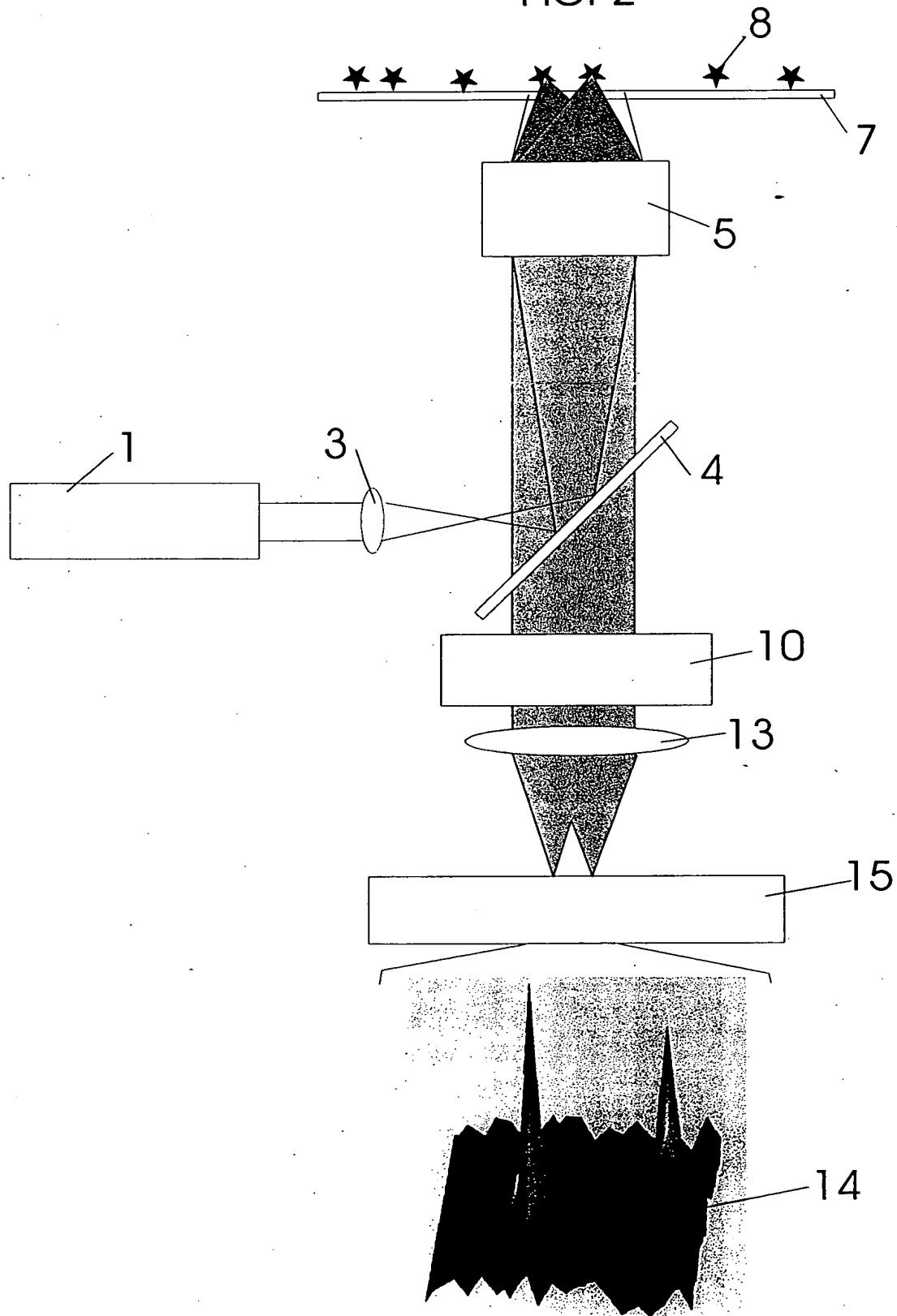
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FIG. 1



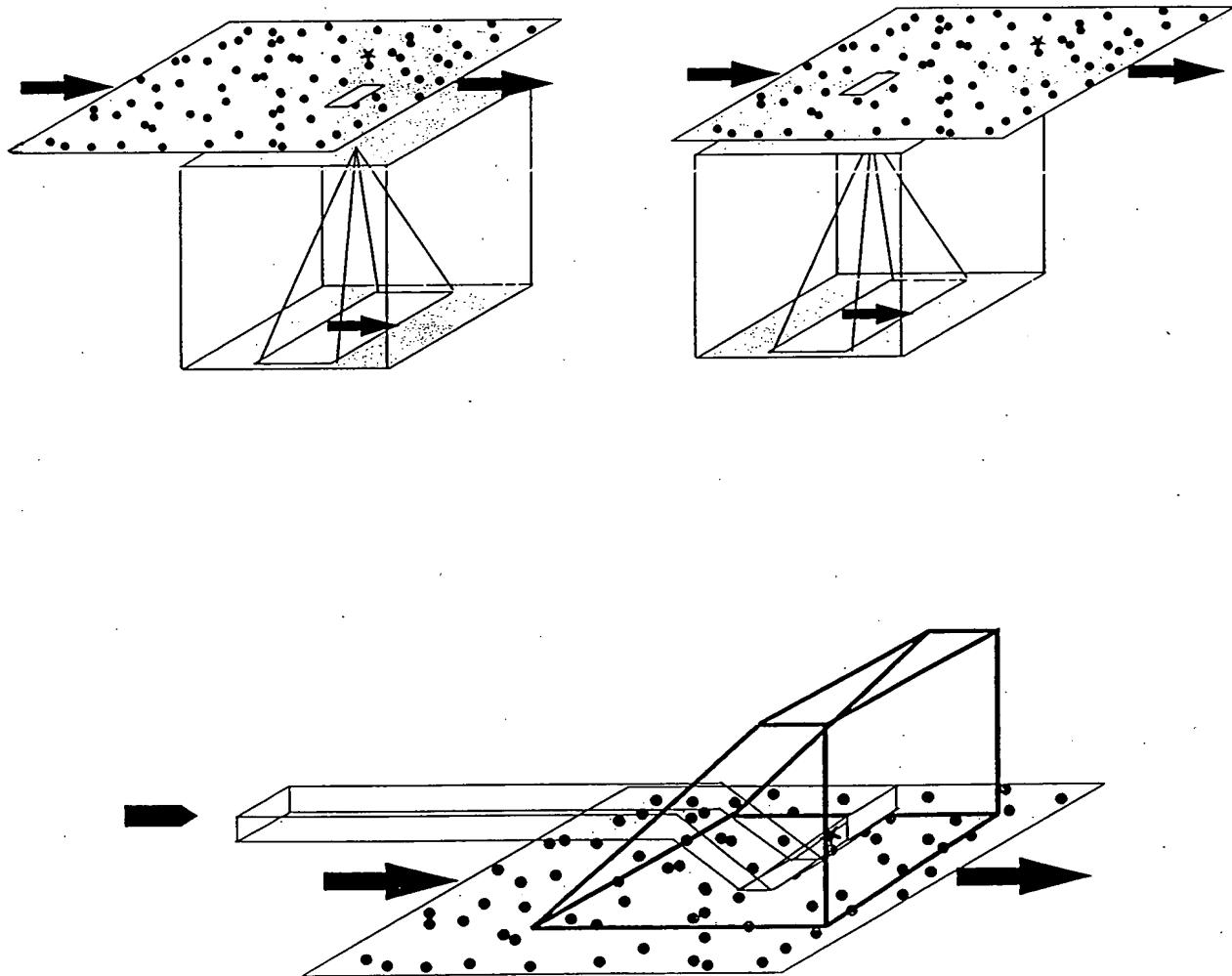
0 9 8 4 5 0 0 6 " D u t t e X O P T "

FIG. 2



65645666 "63320

FIG. 3



09845006 "C433XG"

FIG. 4

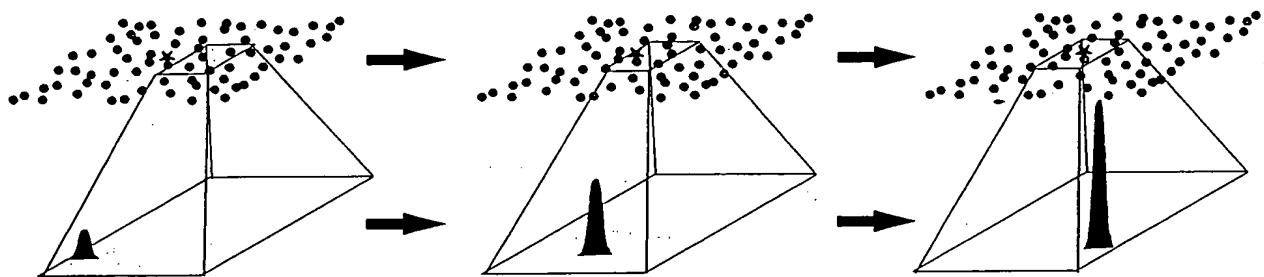
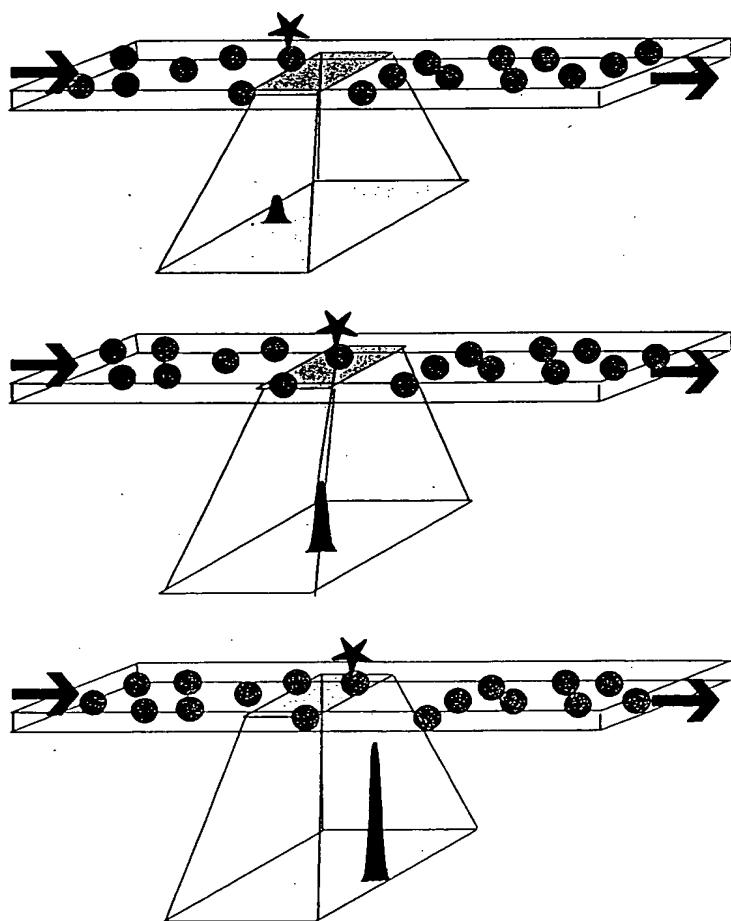
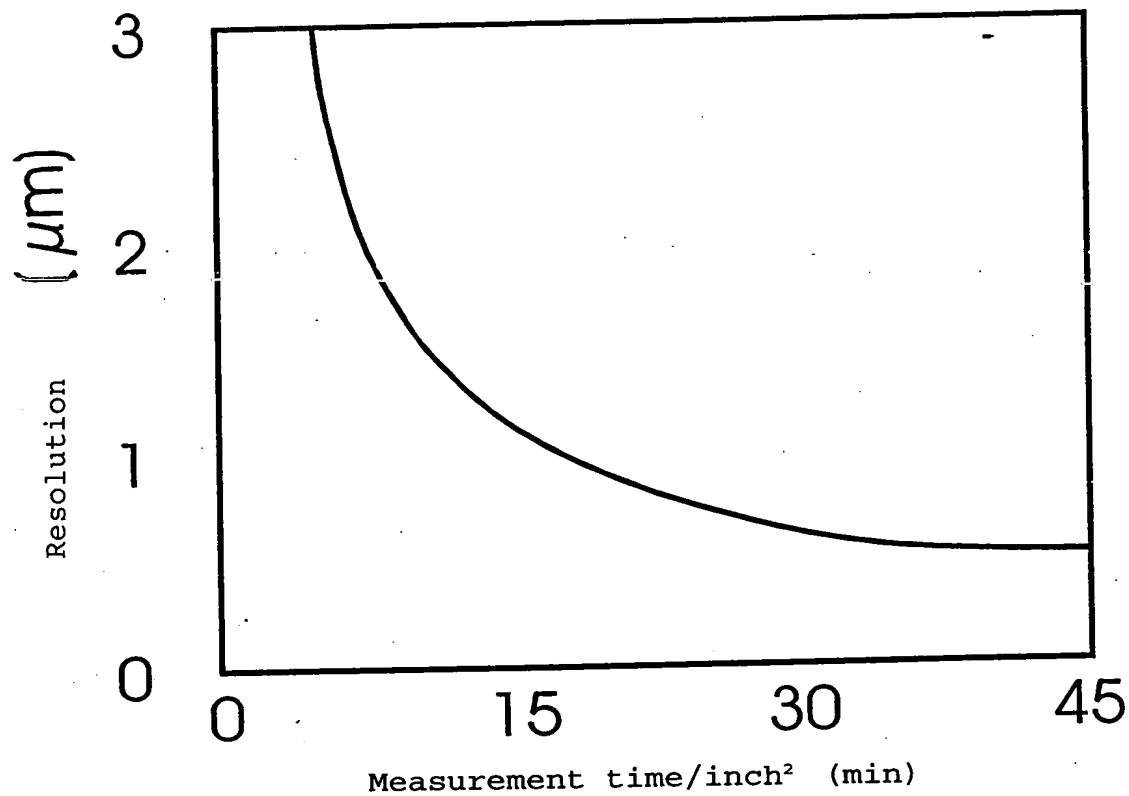


FIG. 5



09345606 "G4220"

FIG. 6



for typical characteristics of CCD cameras (cooled with liquid N_2): 1300 \times 1340 pixels (250 \times 250 μm) line shift rate 300 KHz, read-out rate 1 MHz, read-out noise ~7 counts per pixel, dark noise ~0. Objective with 40-fold magnification, illuminated area = area pixel array/40 \times 40 = 400 $\mu\text{m} \times$ 100 μm ; light intensity maintained at 250 counts per fluorophore

FIG. 7

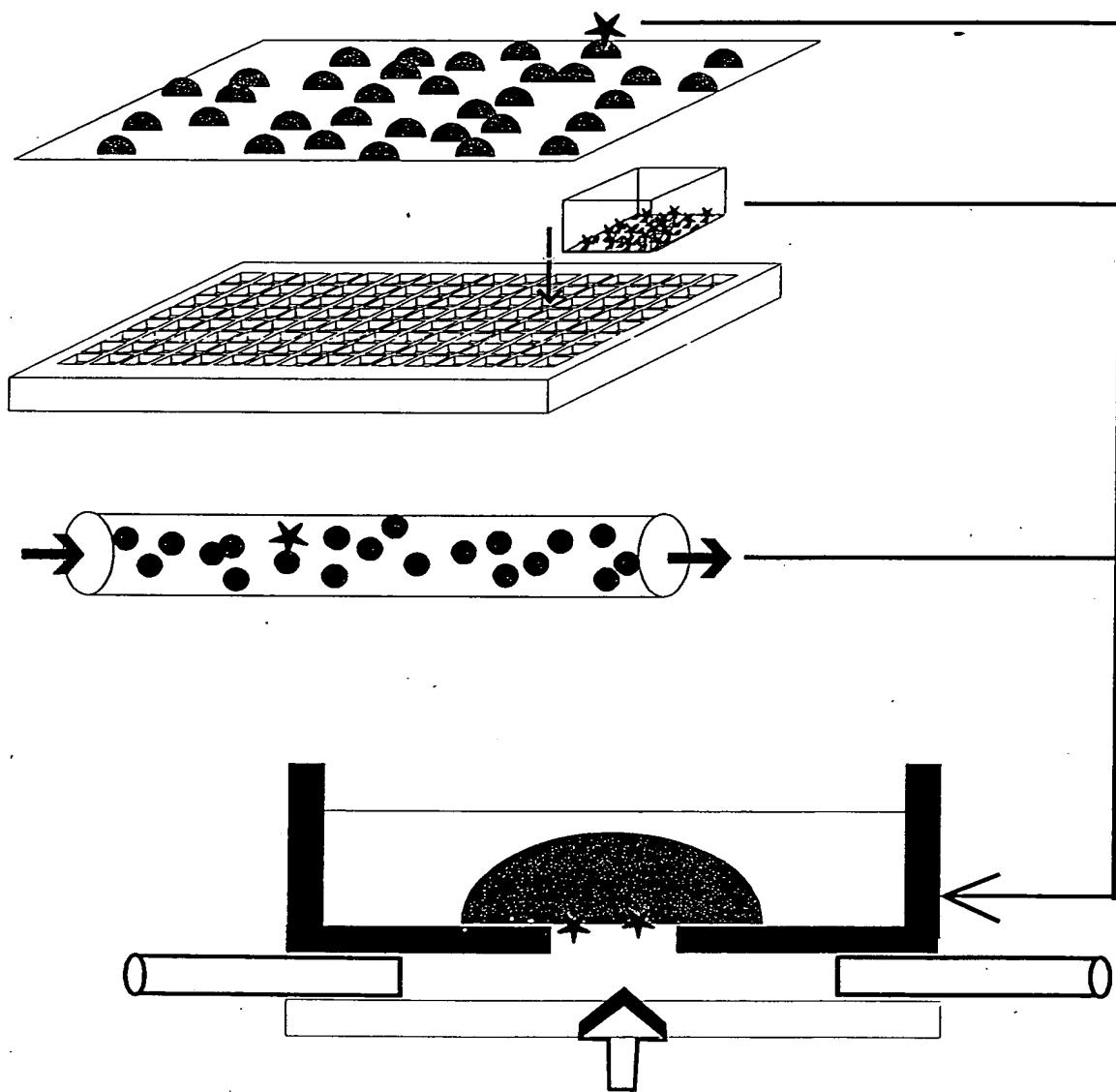
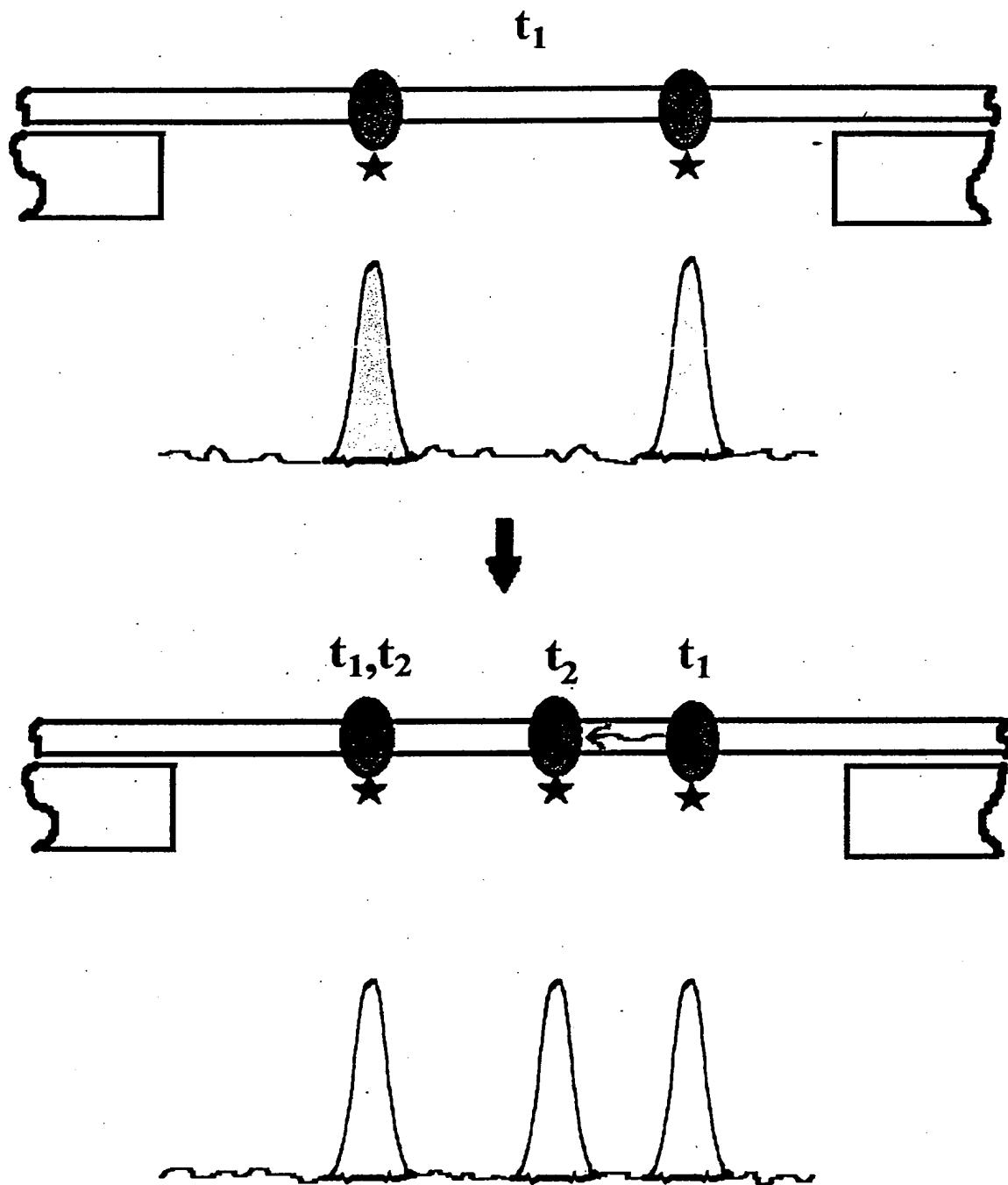
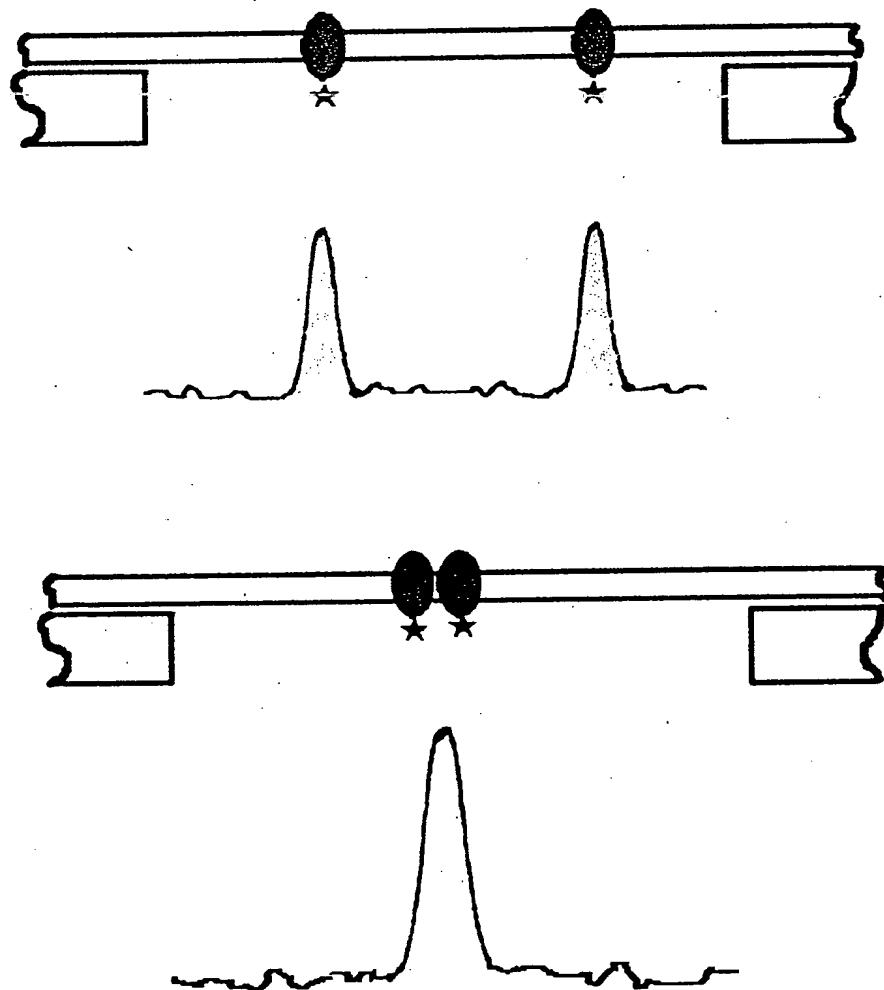


FIG. 8



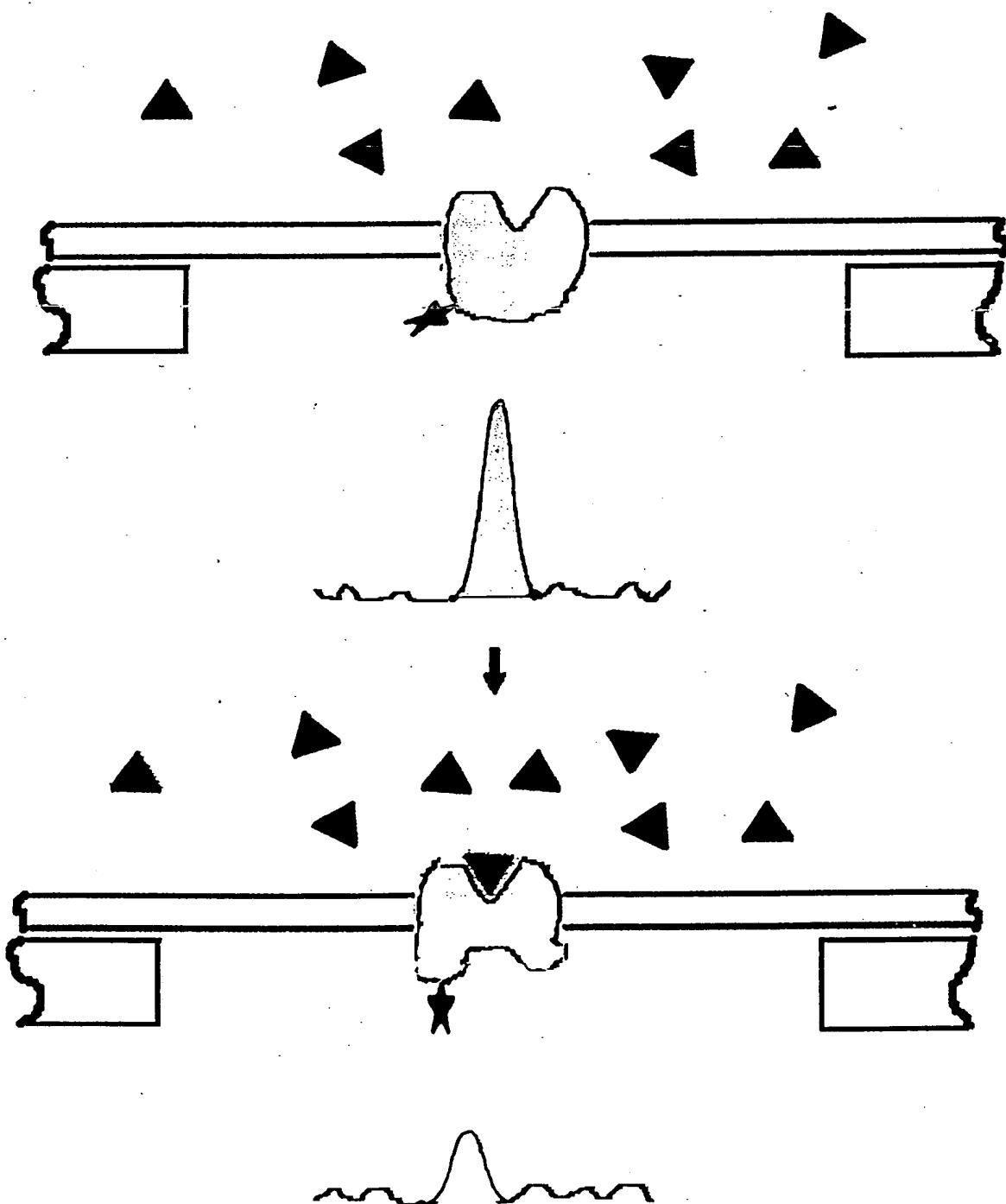
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FIG. 9



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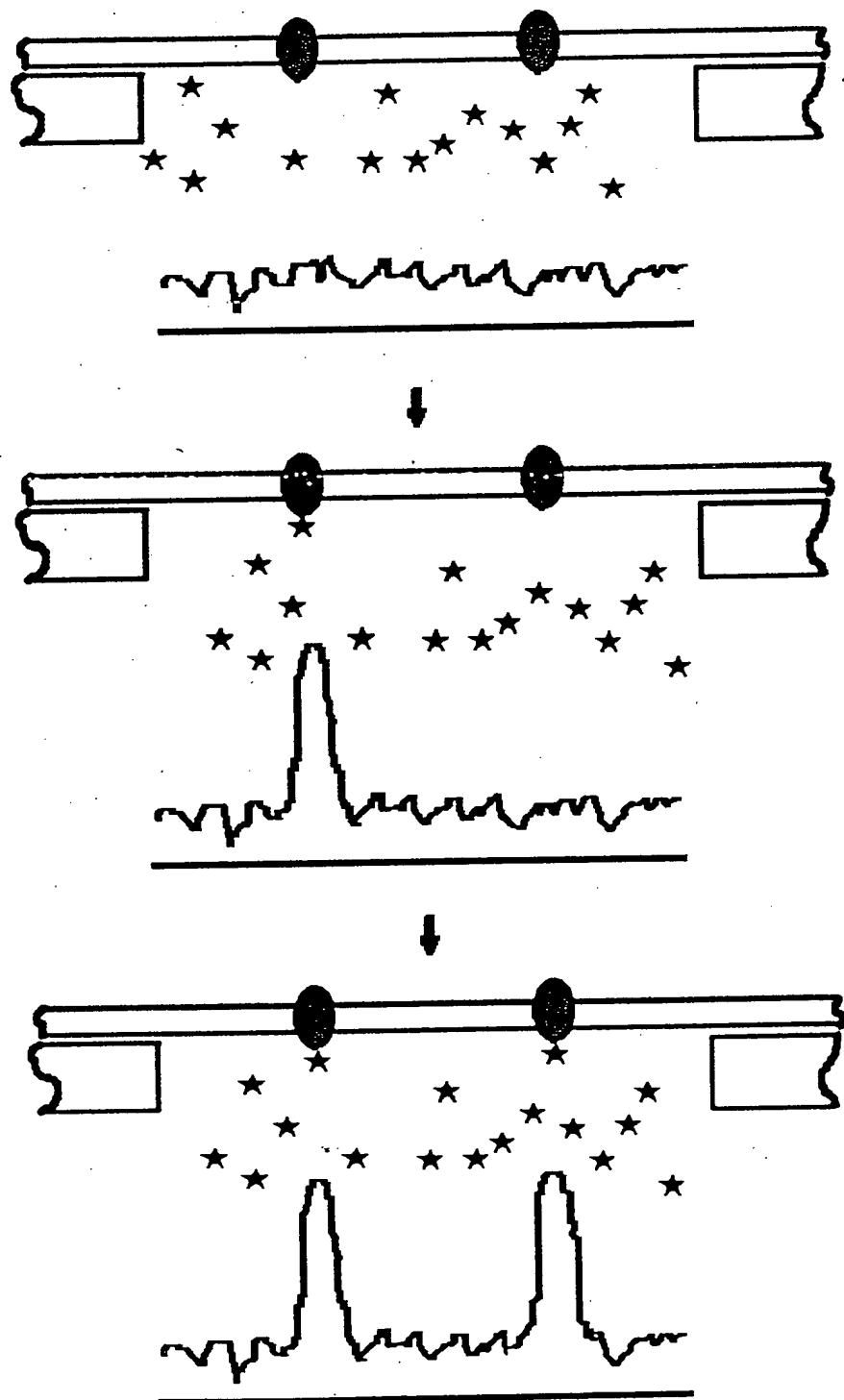
FIG.10



09845006 - 0983701

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FIG. 11



0984506 "GIGE 300"

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FIG. 12

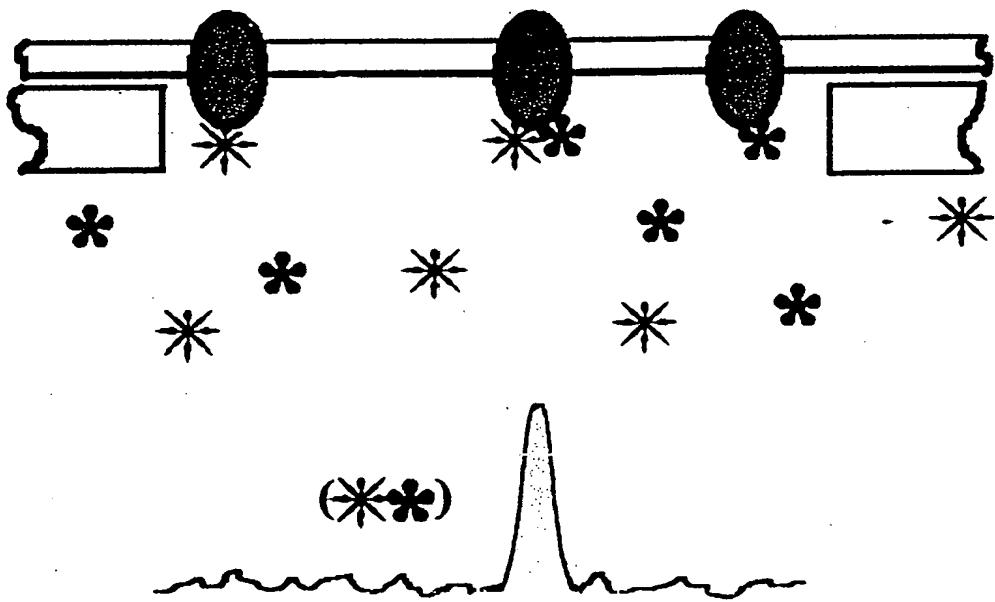
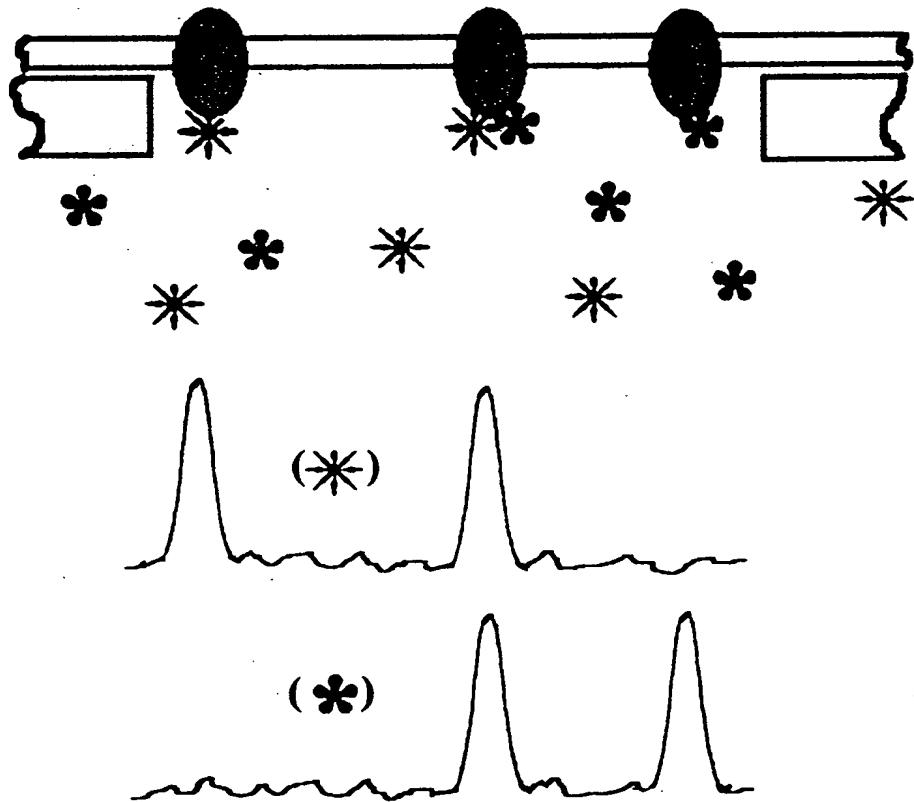
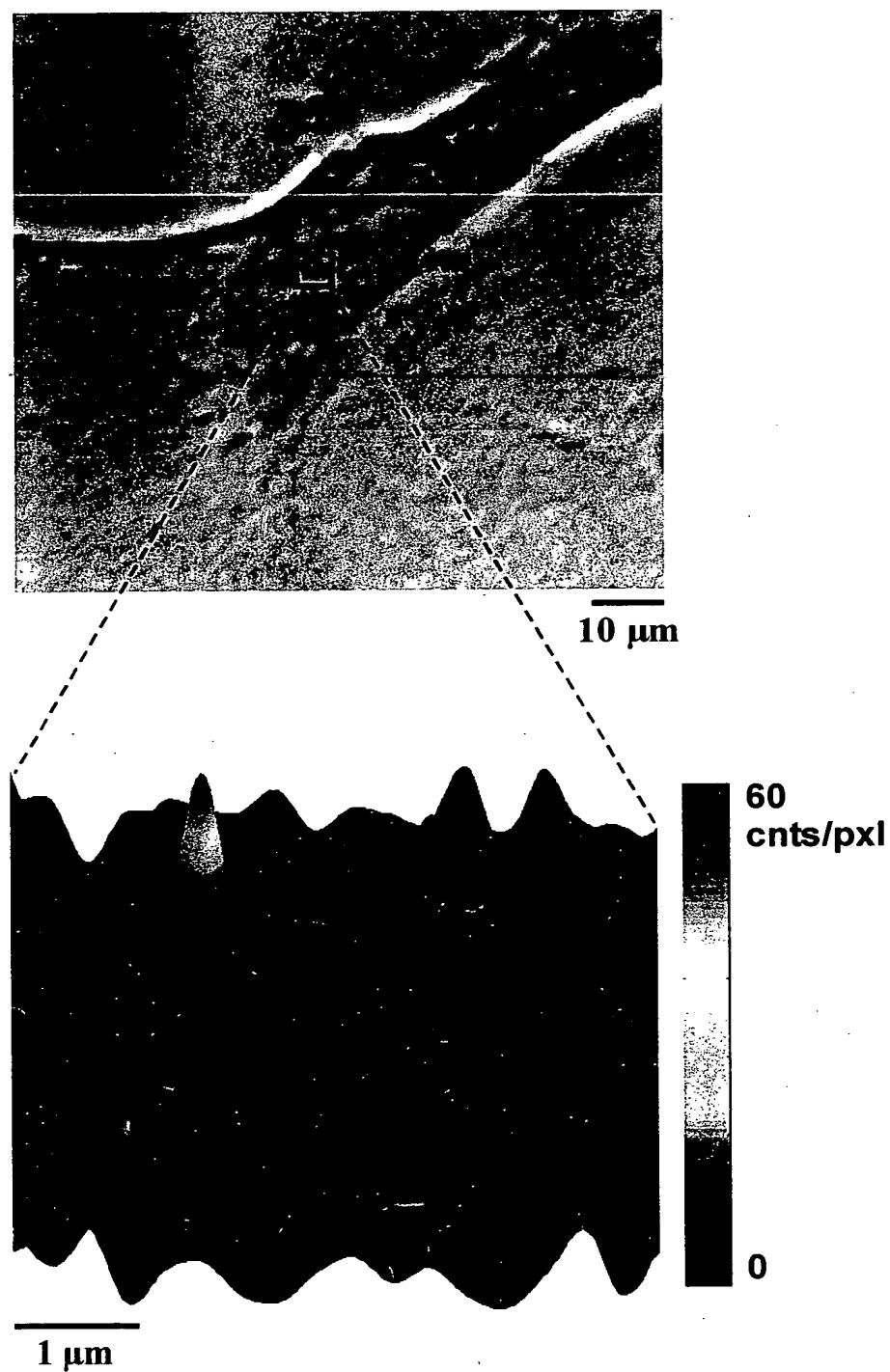


FIG. 13



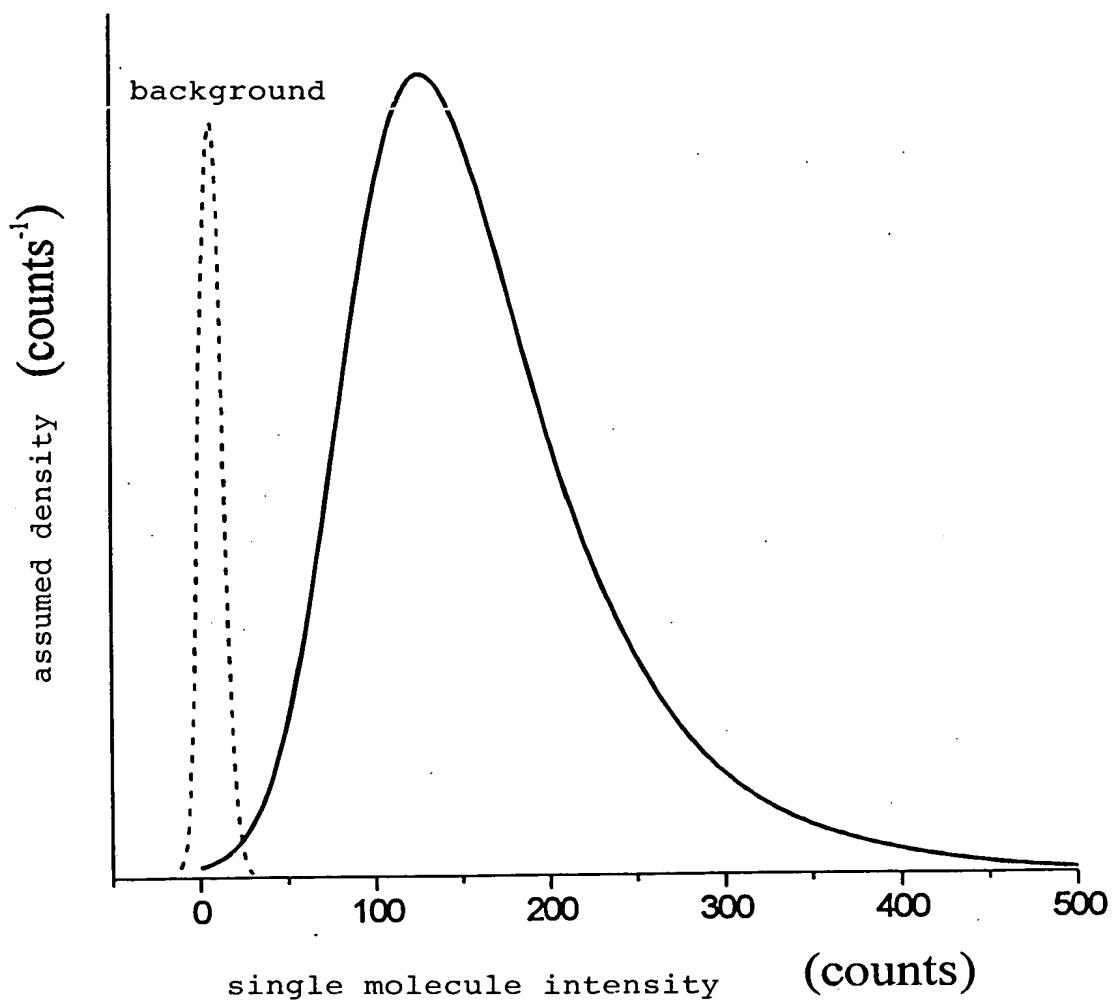
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Fig.14



0 9 6 4 5 0 0 6 0 0 4 2 3 0 4

Fig. 15



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Fig. 16

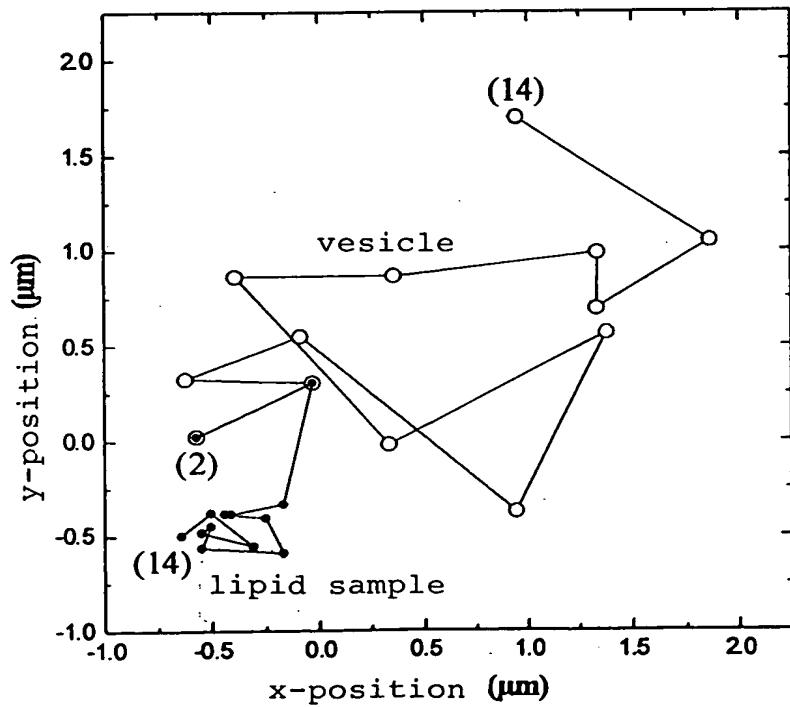
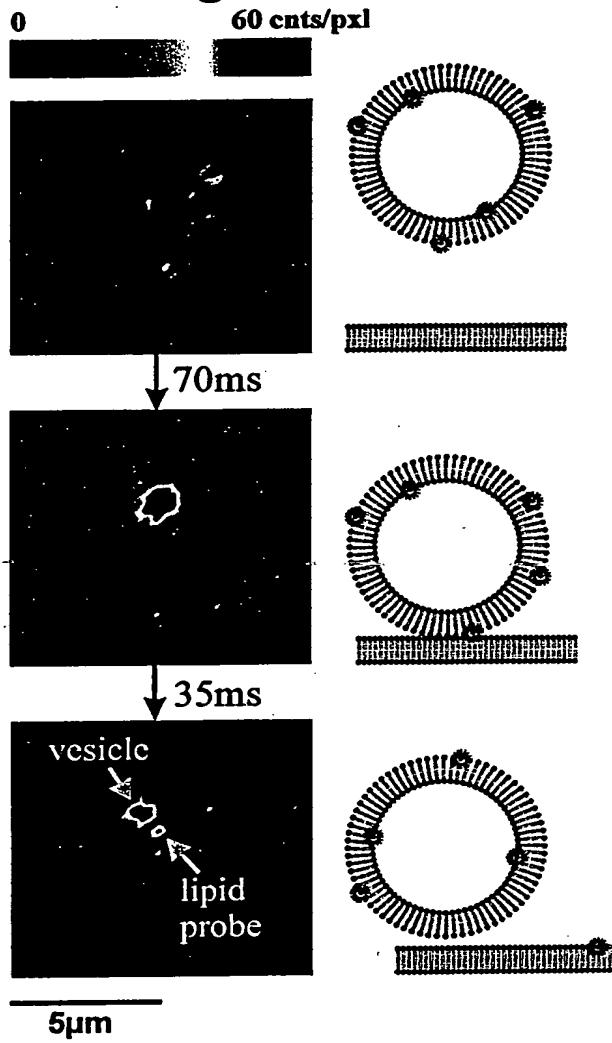


Fig. 17

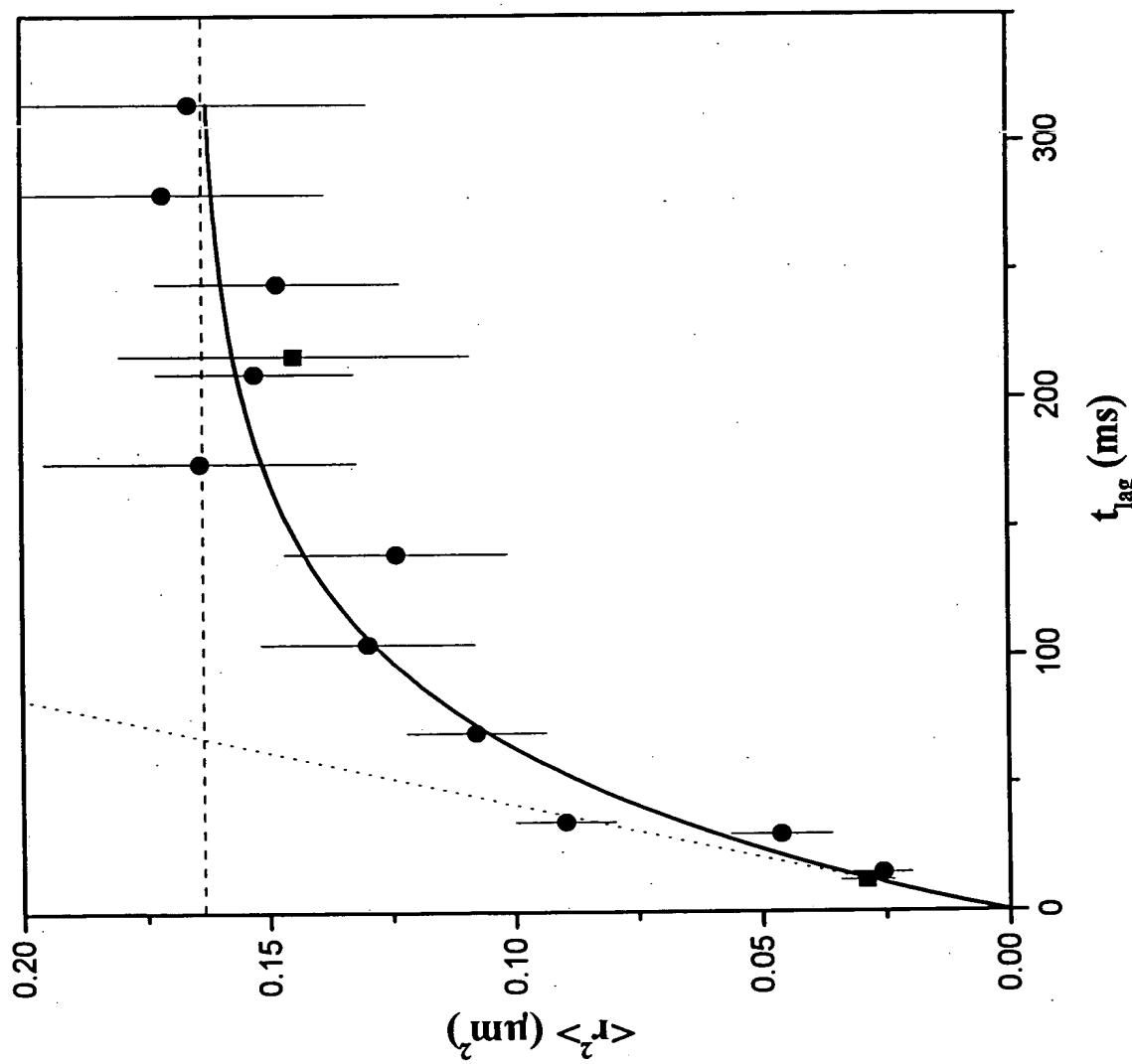
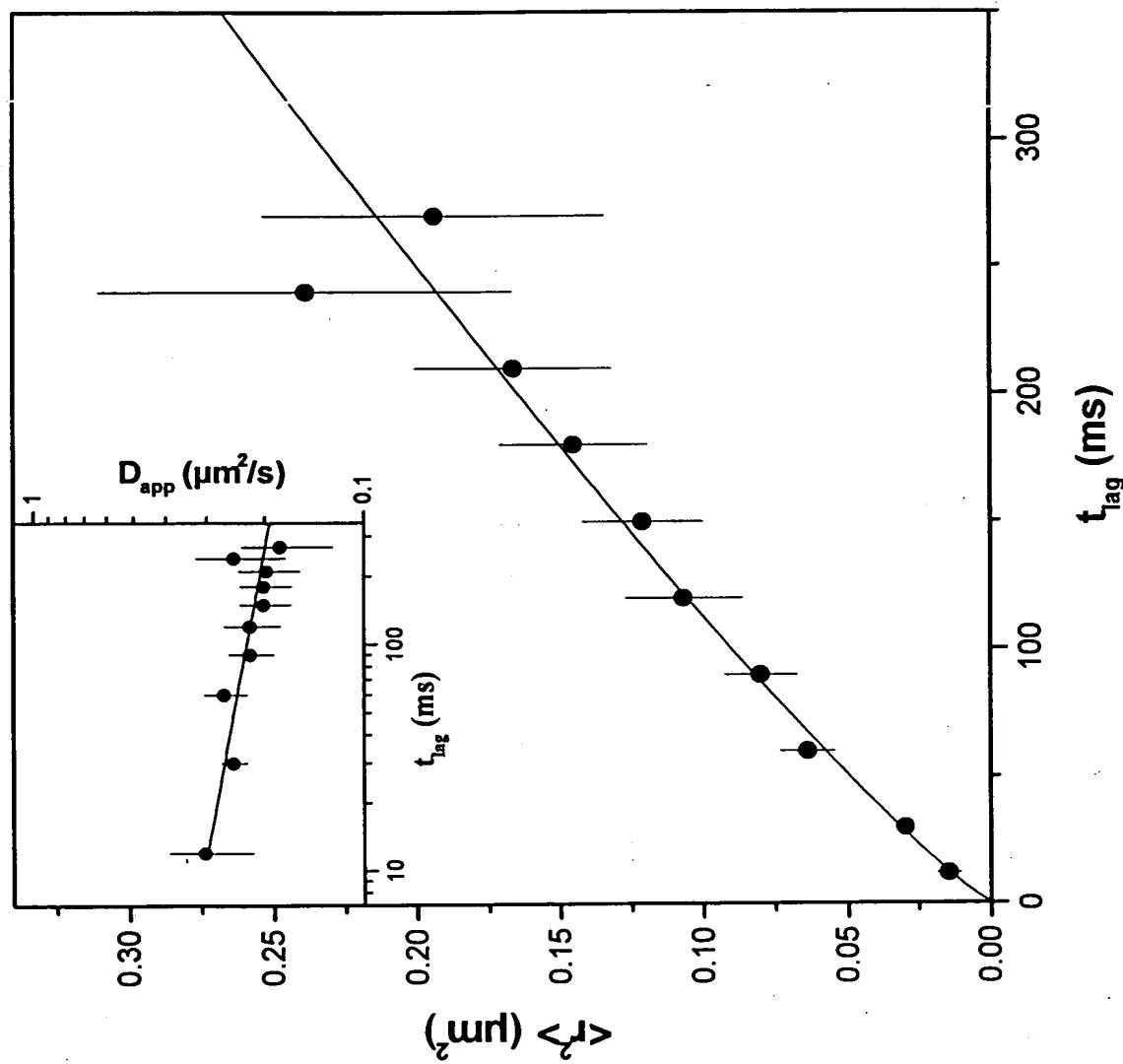
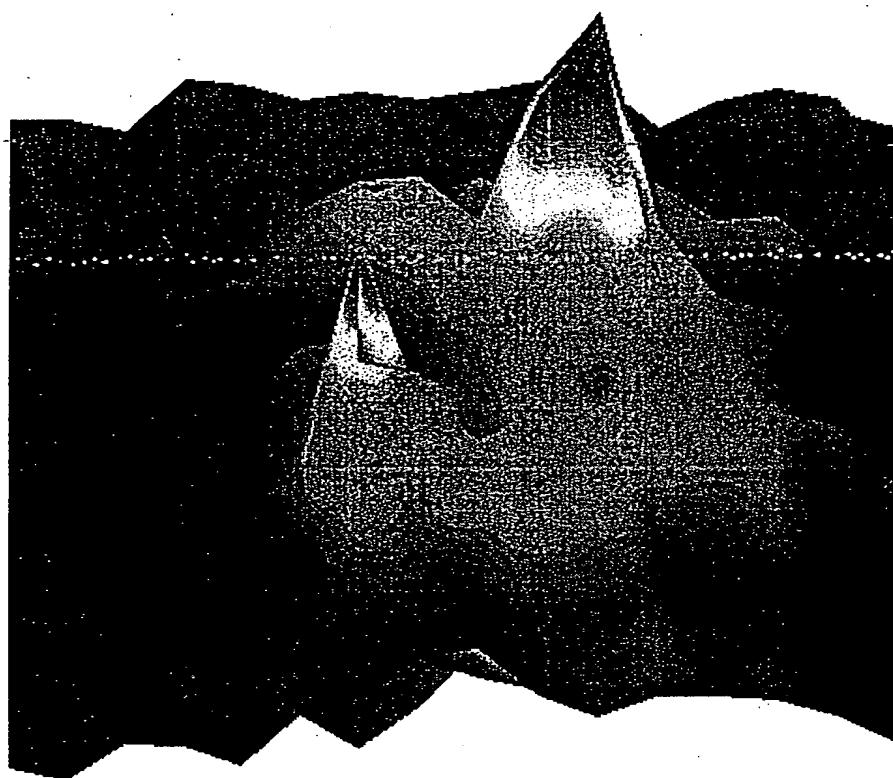


Fig. 18

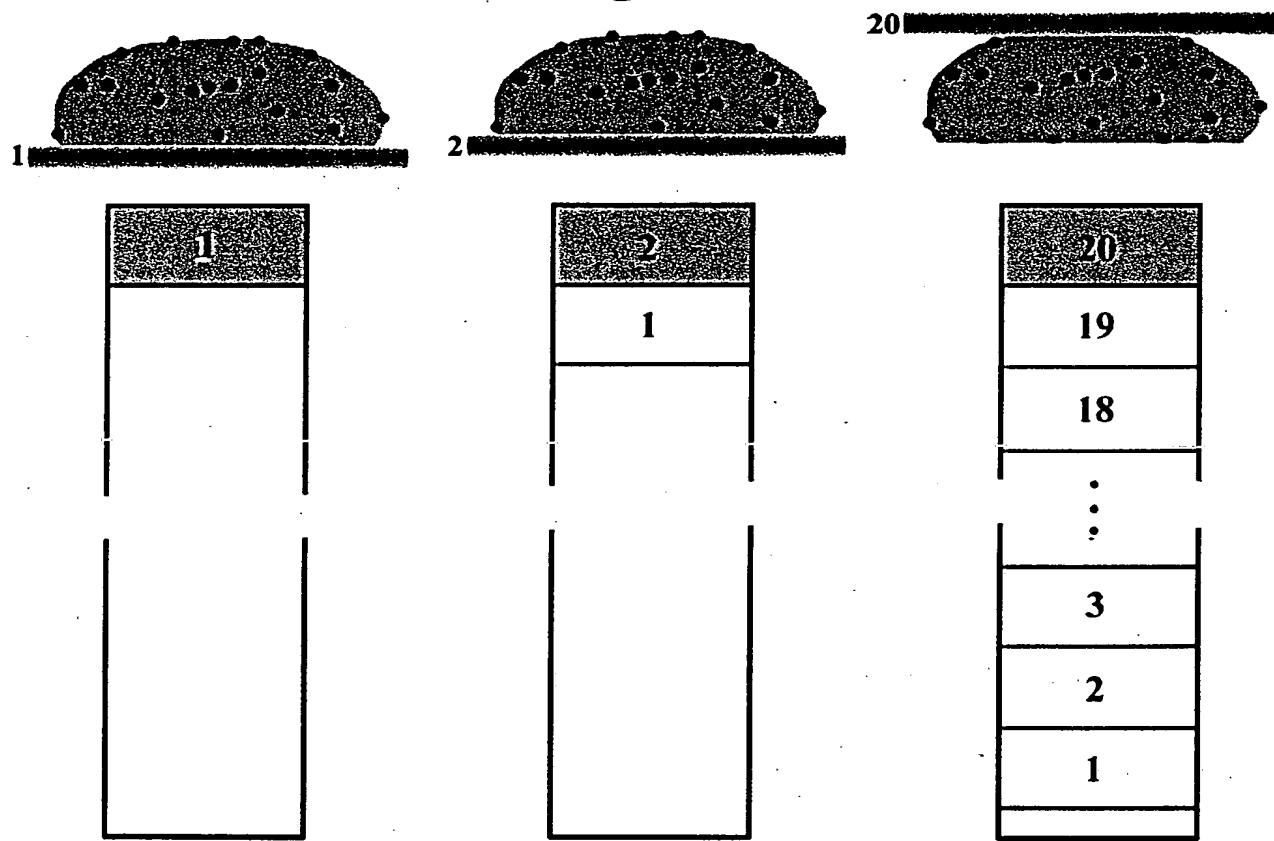


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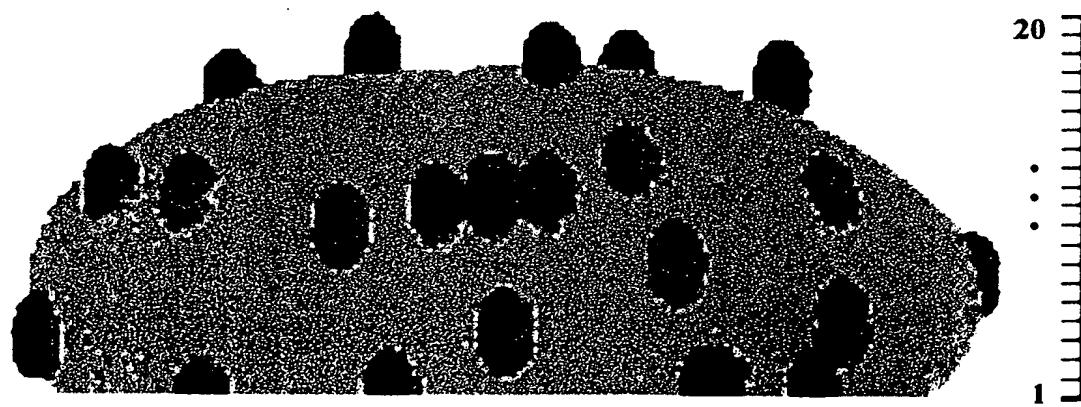
FIG. 19



1 μm

Fig. 20A

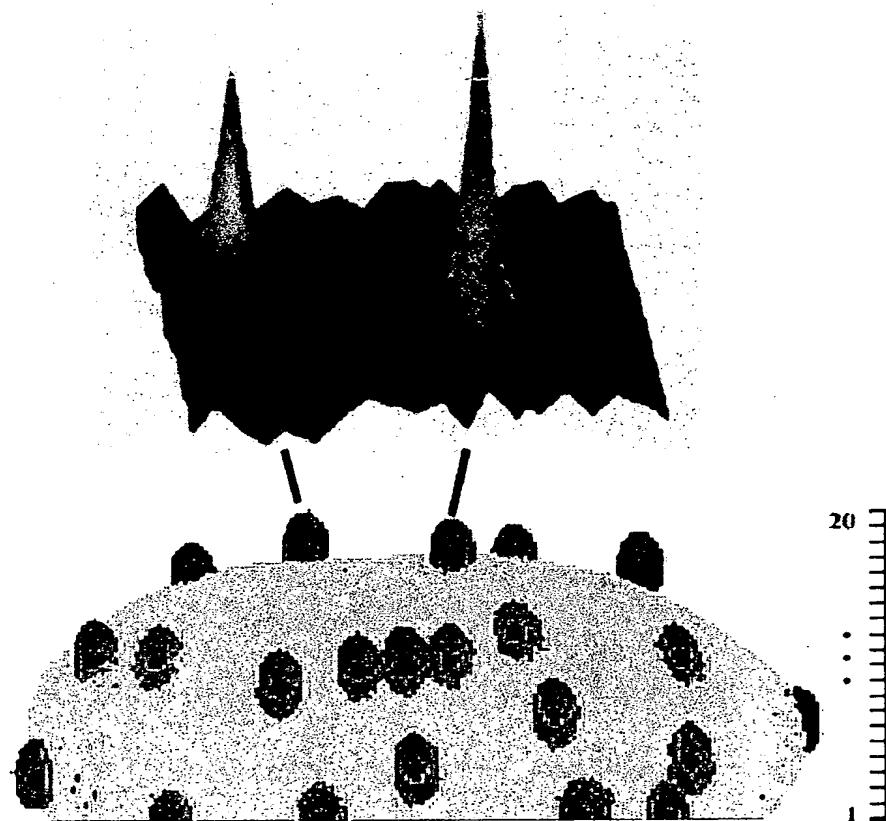
0 9 8 7 6 5 4 3 2 1
T D E M I C R O S C O P Y

Fig. 20B

09845066 "042304"

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FIG. 20C



03645066 044220

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FIG. 21

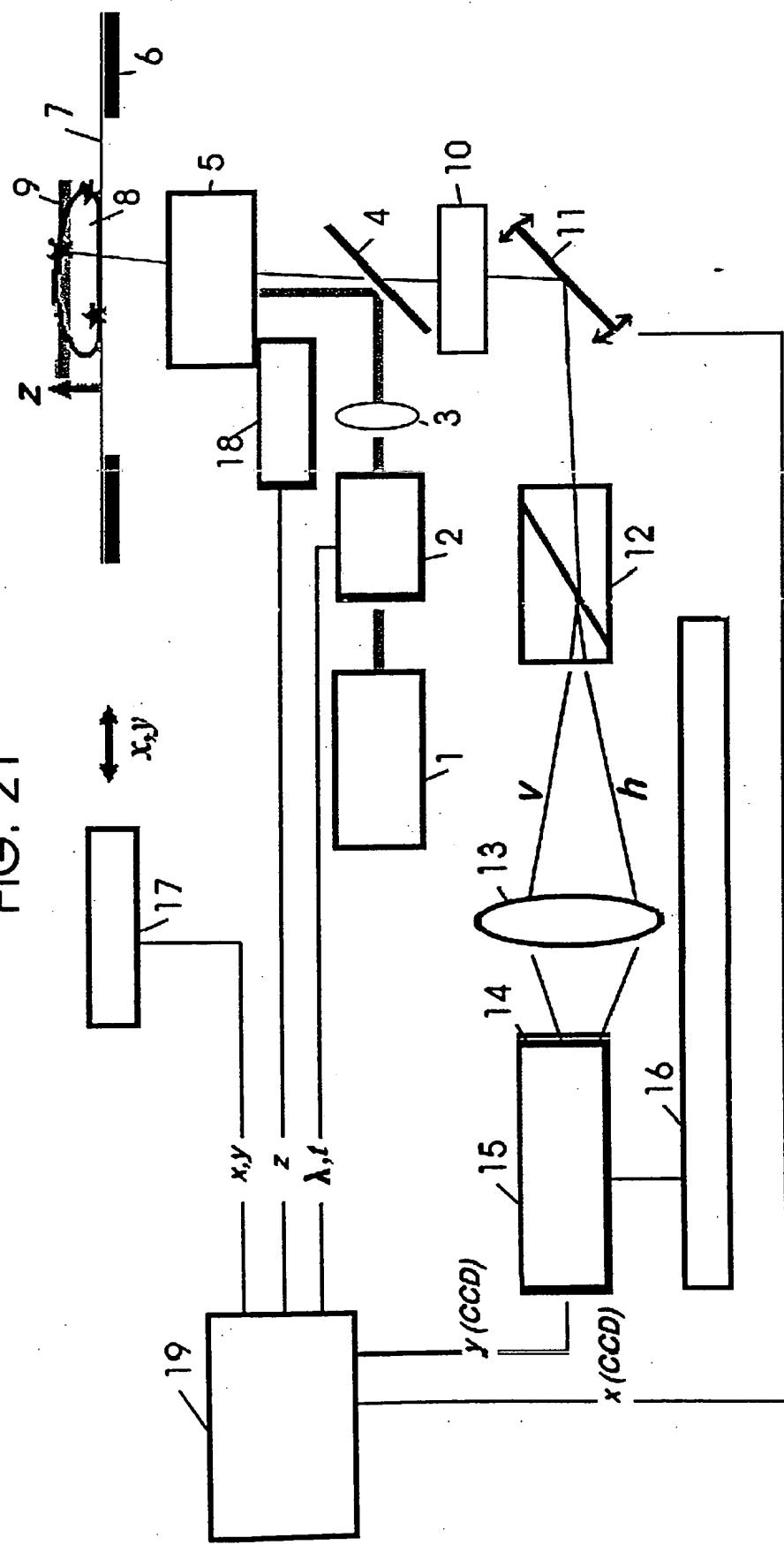


FIG. 22

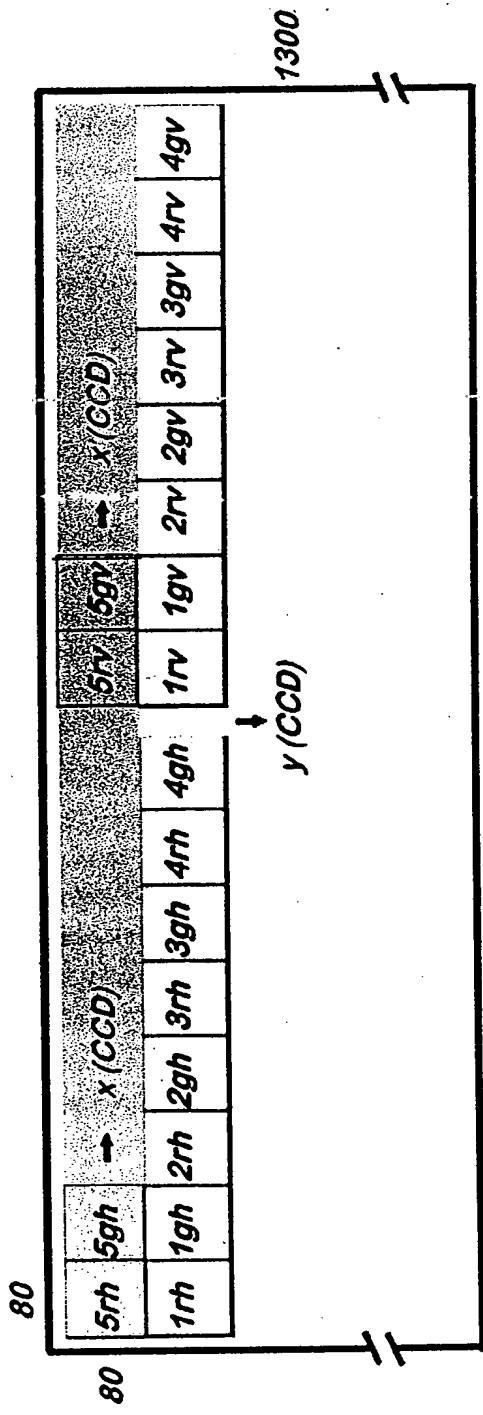


FIG. 23

